

FEB 28 2006

**Cooley Godward LLP**

ATTORNEYS AT LAW

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DATE: February 28, 2006

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FROM: Kevin J. Zimmer

PHONE: (858) 550-6074

REPLY FAX: (858) 550-6420

RE: In re Application of Gros et al.  
Serial No.: 10/646,530  
Filed: August 23, 2003

Confirmation No.: 8492  
Group Art Unit: 2631

Old Docket No.: 1402  
New Docket No.: SECO-018/01US

NUMBER OF PAGES, INCLUDING COVER: 6	CLIENT NUMBER: 304014-2032
ORIGINALS TO FOLLOW: No	REQUESTOR #: 2208

**MESSAGE:**

I hereby certify that this correspondence is being transmitted by facsimile addressed to Commissioner for Patents, Facsimile Number (571) 273-8300 at United States Patent and Trademark Office, Alexandria, VA 22313-1450 on February 28, 2006.

By: 

Rula Lopez

Attachments: Power by Assignee w/Assignment (4 pgs.)  
Change Of Correspondence Address (1 pg.)

Rev. 02/27/2003

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**FEB 28 2006**

**PATENT**

**Attorney Docket No. SECO-018/01US**  
**(304014-2032)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of John B. Groe and Joseph Austin    Confirmation No.: 8492  
Serial No.: 10/646,530    Group Art Unit: 2631  
Filed: August 23, 2003    Examiner: Unknown  
For: CHARGE PUMP CIRCUIT

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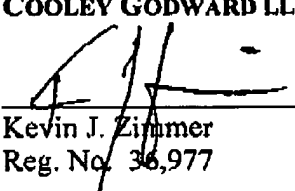
**Customer Number: 23419**

Dated: February 28, 2006

Cooley Godward LLP  
ATTN: Patent Group  
Five Palo Alto Square  
3000 El Camino Real  
Palo Alto, CA 94306-2155  
Tel: (650) 843-5000  
Fax: (650) 857-0663

Respectfully submitted,  
**COOLEY GODWARD LLP**

By:

  
Kevin J. Zimmer  
Reg. No. 36,977

491642 v1/SD

Rev. 02/27/2003

**Attorney Docket No. SECO-018/01US  
(304014-2032)**

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of John B. Groe and Joseph Austin      Confirmation No.:      8492  
Serial No.: 10/646,530      Group Art Unit:      2631  
Filed:      August 23, 2003      Examiner:      Unknown  
For:      CHARGE PUMP CIRCUIT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER BY ASSIGNEE  
AND STATEMENT UNDER 37 C.F.R. §3.73(b)**

The Assignee of the entire right, title, and interest in the above-identified application hereby grants the registered practitioners of Cooley Godward LLP included in the Customer Number provided below power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with this application, any applications claiming priority to this application, and any patents issuing therefrom.

The Assignee certifies that to the best of its knowledge and belief it is the owner of the entire right, title, and interest in and to the above-identified application as evidenced by:

- ☒ An assignment document, a copy of which is enclosed herewith;
- ☐ An assignment previously recorded in the U.S. Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_.

485732 v1/SD

Rev. 02/27/2003

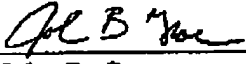
Attorney Docket No. SECO-018/01US  
Application Serial No. 10/646,530  
Page 2

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Palo Alto, CA 94306-2155  
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Fax: (650) 857-0663

CUSTOMER NUMBER: **23419**

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Date: 2/15/06 Signature:   
Name: John B. Groe  
Title: Chief Technology Officer  
Company: Sequoia Communications

485732 v1/SD

Rev. 6/14/2002

Attorney Docket No. SECO-018/01US  
(304014-2032)

PATENT

## ASSIGNMENT

John B. Groe, residing at 12952 Camino del Valle, Poway, California 92064, and Joseph Austin, residing at Joseph Austin (referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled CHARGE PUMP CIRCUIT, and which is a:

- (1) ☐ provisional application
- (a) ☐ to be filed herewith; or
- (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
- (a) ☐ to be filed herewith; or
- (b) ☒ bearing Application No. 10/646,530, and filed on August 23, 2003.

WHEREAS, SEQUOIA COMMUNICATIONS, a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 10805 Rancho Bernardo Rd., Suite 200, San Diego, California 92127 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any

488862 v1/SD

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**Attorney Docket No. SECO-018/01US**  
**Page 2**

application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

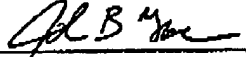
The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD L.L.P. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 2/15/06

By:   
John B. Groe

Date: 2/16/06

By:   
Joseph Austin

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